

22.5 mm Modular Pushbuttons—M22



Product Description

Eaton’s M22 industrial heavy-duty pushbutton line offers a wide array of functional, attractive and ergonomically designed illuminated and non-illuminated pushbuttons, selector switches, push-pulls, alternate action and twist-to-release operators. The complete illuminated line is only offered in LED light units to ensure high-quality brightness and up to 100,000 hours of LED illumination. M22 operators are available with either a silver or black nylon colored or chrome metal bezel. The space-saving modular construction of the M22 line makes on-the-job assembly fast and simplifies the stocking of both components and complete devices.

NEW

Eaton has expanded M22 pilot devices with a metal bezel option. The new M22M pushbutton is an elegant chrome metal bezel that is attractive, durable and rugged for heavy-duty environments. M22M devices are configurable and complement components within the M22 line.

Highly Modular and Versatile Line

- Field convertible functions (pushbuttons and selector switches), maintained to momentary
- Customizable laser engraving capabilities

LED Indicators

- 100,000 hours of life in high-vibration environments
- Lenses specifically designed for LED illumination

Rugged Design

- Most pushbutton operators and contact blocks exceed 5 million mechanical operations
- All components have IP66 rating, and some carry IP67 and IP69K for washdown environment; see **Page V7-T1-119** for further technical data

Innovative Technologies

- ASi communicating devices
- Palm switches

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Description

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Standards and Certifications

All operators and components are IEC/EN 60947 VDE 0660.

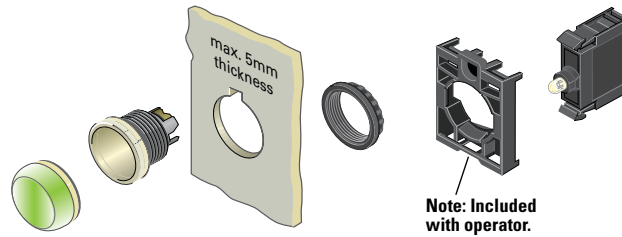
All operators carry an IP66 rating with some rated for washdown environment with IP67 and IP69K.

All pushbuttons, emergency-stops, indicating lights, potentiometers and selector switches carry NEMA 4X, 13.

Marine classification societies: Bureau Veritas (BV), Germanischer Lloyd (GL), and Lloyd’s Register of Shipping (LR) approved.



Indicating Lights, Flush



Components

M22-XL-R



Lenses ^①

Color	Inscription	Catalog Number
Flat		
Red	—	M22-XL-R ^②
	Custom	M22-XL-R-ETCH ^③
	OFF	M22-XL-R-GB5
Green	—	M22-XL-G ^②
	Custom	M22-XL-G-ETCH ^③
	ON	M22-XL-G-GB6
	REVERSE	M22-XL-G-GB16
Blue	—	M22-XL-B ^②
	Custom	M22-XL-B-ETCH ^③
	FAULT	M22-XL-B-GB8
White	—	M22-XL-W ^②
	Custom	M22-XL-W-ETCH ^③
	OFF	M22-XL-W-GB5
	ON	M22-XL-W-GB6
	FAULT	M22-XL-W-GB8
Yellow	—	M22-XL-Y ^②
	Custom	M22-XL-Y-ETCH ^③
Amber	—	M22-XL-A ^②
	Custom	M22-XL-A-ETCH ^③
Conical		
Red	—	M22-XLH-R
Green	—	M22-XLH-G
Blue	—	M22-XLH-B
White	—	M22-XLH-W
Yellow	—	M22-XLH-Y
Amber	—	M22-XLH-A

M22-LED-W



Light Units ^{①④}

Terminal Type	LED Color	Light Unit Voltage	Catalog Number
Screw	White	12–30	M22-LED-W
	Red	Vac/Vdc	M22-LED-R
	Green		M22-LED-G
	Blue		M22-LED-B
Screw	White	85–264	M22-LED230-W
	Red	Vac	M22-LED230-R
	Green		M22-LED230-G
	Blue		M22-LED230-B

Notes

- ① For complete listing of available lenses and light units, see Accessories, **Pages V7-T1-111 to V7-T1-116**.
- ② Minimum order quantity of (10).
- ③ When ordering, specify inscription per catalog number suffix from the Symbols Library (see **Pages V7-T1-129 to V7-T1-136**) into the Order Notes. For example, M22-XL-R-ETCH; Order Notes: Mark with symbol X91, Line item #_.
- ④ Select the same color LED element as lens color; for yellow and amber lenses, choose a white LED.

M22-L-X



Lensless Indicating Light

Catalog Number

M22-L-X